

REMARKS/ARGUMENTS

Claims 1-16 are pending in the application. Claims 1-6, 9-11, and 16 are amended herein. The Applicant hereby requests further examination and reconsideration of the application in view of the foregoing amendments and these remarks.

In paragraph 2, the Examiner rejected claims 1-16 under 35 U.S.C. §101 as directed to non-statutory subject matter because the "method and an apparatus for calculating a checksum for a data block ... merely manipulates abstract idea or solves a purely mathematical problem without any limitation to practical application."

In paragraph 3, the Examiner stated that claims 1-16 are allowable over the prior art of record, and in paragraph 4, the Examiner stated that claims 1-16 have been allowed.

The Applicant has amended independent claims 1, 9, and 16 to recite the steps of receiving the data block and verifying the data block based on the checksum result, and dependent claims 2-6, 10, and 11 are amended to conform with the amendments to claims 1 and 9. It is believed that these amendments overcome the rejection of claims 1-16 as non-statutory.

Therefore, the Applicant believes that the entire application is now in condition for allowance, and early and favorable action is respectfully solicited.

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Respectfully submitted,



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